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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-13 (canceled).

14.   (Currently Amended) A computer executable method of converting a format of a first source document to a format of a second source document, the method comprising:

identifying patterns common to the first and second source documents; and

using the identified common patterns to map elements and sub-elements in the first source document to equivalent elements and sub-elements in the second source document, ~~at least one of the elements or sub-elements in the first source document being mapped to an element or sub-element of a different element type in the second source document~~ including mapping a first element in the first source document to a second element in the second source document based on the identified common patterns, the first element and the second element having different element names.

15.   (Original) The method of claim 14, further comprising:

replacing tag names for each of the elements and sub-elements in the first source document with equivalent tag names of the elements and sub-elements in the second source document.

16.   (Original) The method of claim 14, wherein identifying patterns common to the first and second source documents comprises:

examining document type definitions for the first and second source documents.

17.   (Original) The method of claim 16, further comprising:

producing the document type definition for the first source document if the document type definition for the first source document does not already exist.

18.   (Original) The method of claim 14, wherein identifying patterns common to the first and second source documents comprises:

performing pattern matching.

19.   (Canceled)

20.   (Previously presented) The method of claim 14, wherein identifying patterns common to the first and second source documents further comprises:

matching heuristics of the patterns in the first source document to heuristics of the patterns in the second source document.

21.   (Previously presented) The method of claim 14, wherein using the identified common patterns to map uses the identified common patterns to map automatically elements and sub-elements in the first source document to equivalent elements and sub-elements in the second source document.

22.   (Currently Amended) A computer executable method of converting the format of a source document to the format of a set of source documents, the set of source documents having the first source document, the method comprising:

identifying patterns common to the source document and the set of source documents;

mapping elements and sub-elements in the common pattern of the source document to equivalent elements and sub-elements in the common pattern of the set of source documents, at least one of the elements or sub-elements in the source document being mapped to an element or sub-element of a different element type in the set of source documents including mapping a first

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element in the first source document to a second element in the second source document based on the identified common patterns, the first element and the second element having different element names; and

replacing tag names for the each of the elements and sub-elements in the common pattern of the source document with the equivalent tag names of the elements and sub-elements in the common pattern of the set of source documents.

23. (Previously presented) The method of claim 22, wherein identifying patterns common to the source document and the set of source documents comprises:

examining document type definitions for the source document and the set of source documents.

24. (Original) The method of claim 23, further comprising:

producing the document type definition for the source document if the document type definition for the source document does not already exist.

25. (Currently Amended) A computer program residing on a computer-readable medium for converting a format of a first source document to a format of a second source document, the computer program comprising instructions operable to cause ~~causing~~ a computer system to:

identify patterns common to the first and second source documents; and

use the identified common patterns to map elements and sub-elements of the first source document to equivalent elements and sub-elements of the second source document, ~~at least one of the elements or sub-elements in the first source document being mapped to an element or sub-element of a different element type in the second source document~~ including instructions operable to cause the computer system to map a first element in the first source document to a second element in the second source document based on the identified common patterns, the first element and the second element having different element names.

26.   (Original) The computer program of claim 25, further comprising instructions to:

replace tag names for the each of the elements and sub-elements in the common pattern of the first source document with equivalent tag names of the elements and sub-elements in the common pattern of the second source document.

27.   (Previously presented) The computer program of claim 26, wherein the instructions to identify patterns common to the source document and the set of source documents comprise instructions to:

examine document type definitions for the source document and the set of source documents.

28.   (Currently Amended) A computer system comprising:

a storage device for storing a source document and a set of source documents, the source document having a format different from that of the set of source documents; and

a computer processor configured by a mapping program to identify patterns common to the source document and the set of source documents and map elements and sub-elements in the common pattern of the source document to equivalent elements and sub-elements the common pattern of the set of source documents, ~~at least one of the elements or sub-elements in the source document being mapped to an element or sub-element of a different element type in the set of source documents~~ including mapping a first element in the first source document to a second element in the second source document based on the identified common patterns, the first element and the second element having different element names.

29.   (Previously presented) The computer program of claim 27, further comprising instructions causing a computer system to:

produce the document type definition for the first source document if the document type definition for the first source document does not already exist.

30.   (Previously presented) The computer program of claim 25, wherein the instructions causing a computer system to identify patterns common to the first and second source documents comprises instructions causing a computer system to:

perform pattern matching.

31.   (Canceled)

32.   (Previously presented) The computer program of claim 25, wherein the instructions causing a computer system to identify patterns common to the first and second source documents further comprises instructions causing a computer system to:

match heuristics of the patterns in the first source document to heuristics of the patterns in the second source document.

33.   (Previously presented) The computer program of claim 25, wherein the instructions causing a computer system to use the identified common patterns to map uses the identified common patterns to map automatically elements and sub-elements in the first source document to equivalent elements and sub-elements in the second source document.

34.   (Currently Amended) A computer program residing on a computer-readable medium for converting the format of a source document to the format of a set of source documents, the set of source documents having the first source document, the computer program comprising instructions <u>operable to cause</u> ~~causing~~ a computer system to:

identify patterns common to the source document and the set of source documents;

map elements and sub-elements in the common pattern of the source document to equivalent elements and sub-elements in the common pattern of the set of source documents, ~~at least one of the elements or sub-elements in the first source document being mapped to an element or sub-element of a different element type in the second source document~~ <u>including</u>

mapping a first element in the first source document to a second element in the second source document based on the identified common patterns, the first element and the second element having different element names; and

replace tag names for the each of the elements and sub-elements in common pattern of the source document with the equivalent tag names of the elements and sub-elements in common pattern of the set of source documents.

35. (Previously presented) The computer program of claim 34, wherein the instructions causing a computer system to identify patterns common to the source document and the set of source documents comprises instructions causing a computer system to:

examine document type definitions for the source document and the set of source documents.

36. (Previously presented) The computer program of claim 35, further comprising instructions causing a computer system to:

produce the document type definition for the source document if the document type definition for the source document does not already exist.

37. (Previously presented) The method of claim 1, wherein using the identified common patterns includes:

mapping the elements and sub-elements in the first source document to equivalent elements and sub-elements in the second source document based on the identified common patterns without user intervention.

38. (Previously presented) The method of claim 22, wherein using the identified common patterns includes:

mapping the elements and sub-elements in the source document to equivalent elements

and sub-elements in the set of source documents based on the identified common patterns without user intervention.

39.   (Previously presented) The computer program of claim 25, wherein the instructions to use the identified common patterns to map elements and sub elements of the first source document to equivalent elements and sub-elements of the second source document comprise instructions to:

map the elements and sub-elements in the first source document to equivalent elements and sub-elements in the second source document based on the identified common patterns without user intervention.

40.   (Previously presented) The computer program of claim 34, wherein the instructions to map elements and sub elements in the common pattern of the source document to equivalent elements and sub-elements in the common pattern of the set of source documents comprise instructions to:

mapping the elements and sub-elements in the source document to equivalent elements and sub-elements in the set of source documents based on the identified common patterns without user intervention.